

## INTERNATIONAL SEARCH REPORT

IB2004/002307

A. CLASSIFICATION OF SUBJECT MATTER  
 IPC 7 G01M17/007 G07C5/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G01M G07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	<p>EP 0 383 593 A (HITACHI LTD)          22 August 1990 (1990-08-22)</p> <p>column 2, line 29 - column 4, line 19          column 7, line 9 - column 9, line 19;          figures 1-3          column 11, line 25 - column 2, line 21;          figure 6</p> <p style="text-align: center;">-----          -/--</p>	<p>1, 17, 19,          20, 22-24          2, 5, 6,          10, 11</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

16 November 2004

Date of mailing of the international search report

26/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	US 6 330 499 B1 (CHOU PAUL BAO-LUO ET AL) 11 December 2001 (2001-12-11)  column 1, line 34 - column 2, line 2 column 2, line 30 - line 43; figure 1 column 4, line 2 - column 6, line 38; figure 3 column 7, line 63 - column 8, line 59; figure 4	1,17,19, 20,22-24 2,5,6, 10,11
A	EP 1 087 343 A (RENAULT) 28 March 2001 (2001-03-28) column 6, line 15 - column 8, line 44; figures 1,2	1,2,17, 20,23
A	WO 90/09645 A (WARNERDALE LTD) 23 August 1990 (1990-08-23) abstract; figure 1	1,2,17, 20,23
A	PATENT ABSTRACTS OF JAPAN vol. 0113, no. 02 (M-629), 2 October 1987 (1987-10-02) & JP 62 094443 A (NISSAN MOTOR CO LTD), 30 April 1987 (1987-04-30) abstract	1,2,17, 20,23
A	EP 0 718 614 A (SEL ALCATEL AG ; ALCATEL NV (NL)) 26 June 1996 (1996-06-26) the whole document	1,2,17, 20,23

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